

Title (en)

Antiviral tetrahydroimidazo[1,4]benzodiazepin-2-thiones.

Title (de)

Antivirale Tetrahydroimidazo[1,4]benzodiazepin-2-thione.

Title (fr)

Tétrahydroimidazo[1,4]benzodiazépine-2-thiones à activité antivirale.

Publication

EP 0384522 A1 19900829 (EN)

Application

EP 90200348 A 19900216

Priority

- GB 8904108 A 19890223
- GB 8920354 A 19890908
- US 40662689 A 19890913

Abstract (en)

Novel tetrahydroimidazo[1,4]benzodiazepin-2-thiones of formula <CHEM> wherein R<1> is C1-6alkyl, C3-6alkenyl, C3-6alkynyl, C3-6cycloalkyl, or C1-6alkyl substituted with aryl or with C3-6cycloalkyl; R<2>, R<3> are hydrogen or C1-6alkyl; R<4>, R<5> are hydrogen, C1-6alkyl, halo, cyano, nitro, trifluoromethyl, hydroxy, C1-6alkyloxy, amino or mono-or di(C1-6alkylamino); aryl is optionally substituted phenyl; pharmaceutical compositions containing these compounds as active ingredient; processes for preparing said compounds and compositions.

IPC 1-7

A61K 31/55; **C07D 487/04**; **C07D 487/06**

IPC 8 full level

C07D 487/16 (2006.01); **A61K 31/55** (2006.01); **A61P 31/12** (2006.01); **C07D 487/04** (2006.01); **C07D 487/06** (2006.01)

CPC (source: EP)

A61P 31/12 (2017.12); **C07D 487/06** (2013.01)

Citation (search report)

- EP 0336466 A1 19891011 - JANSSEN PHARMACEUTICA NV [BE]
- EP 0107569 A1 19840502 - ROUSSEL UCLAF [FR]
- European Journal of Medicinal Chemistry-Chimica Therapeutica, Vol. 13, 1978, P. GENESTE et al.: "Recherches en serie del'imidazo-(4,5,1-jk)-benzodiazepine-1,4 et de l'imidazo-(1,5,4-ef)-benzodiazepine-1,5", pages 53-54, pages 53,54.

Cited by

GR920100326A; DE4036552C1; US5519021A; US5665720A; EP0534539A1; US5463049A; EP0540143A3; US5607929A; US5714503A; US5658907A; US5593993A; EP0417840A1; AP174A; US6177435B1; WO9213860A1; WO9306106A1; WO9208706A1; WO9323021A3; WO9104255A1; WO0123386A3

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0384522 A1 19900829; **EP 0384522 B1 19930113**; AP 139 A 19911015; AP 9000166 A0 19900430; AT E84534 T1 19930115; AU 5003890 A 19900830; AU 617926 B2 19911205; CA 2010639 A1 19900823; CA 2010639 C 20010417; CY 1868 A 19960405; DE 69000743 D1 19930225; DE 69000743 T2 19930513; DK 0384522 T3 19930419; EG 19674 A 19960630; ES 2046671 T3 19940201; FI 900897 A0 19900222; FI 92830 B 19940930; FI 92830 C 19950110; GR 3006855 T3 19930630; HK 114995 A 19950721; HU 204831 B 19920228; HU 211250 A9 19951128; HU 900896 D0 19900528; HU T54158 A 19910128; IE 63155 B1 19950322; IE 900650 L 19900823; IL 93136 A0 19901105; IL 93136 A 19950124; JO 1610 B1 19900701; JP 2588624 B2 19970305; JP H02270876 A 19901105; LV 5782 A4 19961220; LV 5782 B4 19970620; MA 21748 A1 19901001; MY 106231 A 19950429; NO 173503 B 19930913; NO 173503 C 19931222; NO 900848 D0 19900222; NO 900848 L 19900824; NZ 232548 A 19910326; OA 09196 A 19920630; PH 27113 A 19930316; PT 93227 A 19900831; PT 93227 B 19960131; TN SN90021 A1 19910305; YU 33490 A 19920907; YU 47219 B 19950131

DOCDB simple family (application)

EP 90200348 A 19900216; AP 9000166 A 19900221; AT 90200348 T 19900216; AU 5003890 A 19900222; CA 2010639 A 19900222; CY 186896 A 19960405; DE 69000743 T 19900216; DK 90200348 T 19900216; EG 11190 A 19900221; ES 90200348 T 19900216; FI 900897 A 19900222; GR 930400107 T 19930121; HK 114995 A 19950713; HU 89690 A 19900222; HU 9500504 P 19950628; IE 65090 A 19900222; IL 9313690 A 19900123; JO P19901610 A 19900220; JP 3988390 A 19900222; LV 960193 A 19960618; MA 22010 A 19900219; MY P19900182 A 19900206; NO 900848 A 19900222; NZ 23254890 A 19900214; OA 59740 A 19900223; PH 40105 A 19900223; PT 9322790 A 19900222; TN SN90021 A 19900222; YU 33490 A 19900220